

SASSO 60 square downlight

trim

048-2612011S 048-2697318 002-90771



Project / Type

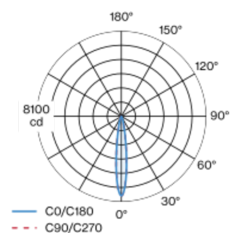
Notes

Count / Date

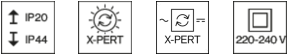
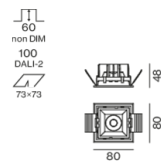


Recessed square spotlight in die-cast aluminium; 1 lamp; surface jet black; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim jet black; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 15° beam; UGR ≤ 13 ; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Recessed

jet black | RAL 9005

Mounting set jet black

front IP44 | back IP20

858 lm

fixture 79 lm/W ¹

LED

3000 K

CRI ≥ 90

initial MacAdam ≤ 2 SDCM

R_g: 99 | R_f: 90 | R_{t(1-15)}: 87

MR 0.6 | MDER 0.54

Optical

spot | beam angle 15°

UGR ≤ 13

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

non DIM

PC2 | 220-240 V

system 12.8 W | fixture 10.9 W

36 Vf | 300 mA

Physical

trim

length 80 mm | width 80 mm | height 48 mm

0.86 kg

Cutout

length 73 mm | width 73 mm

min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

recessed depth 60 mm

¹ incl. consideration of optical losses & internal control unit losses
² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator



trim



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Automatic Circuit Breaker Type

Number of Fixtures

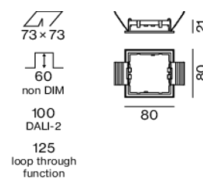
B10	43
B13	55
B16	68
B20	85
C10	72
C13	94
C16	116
C20	145

TYPE
for intermediate ceilings

COLOUR
jet black

L·W·H (MM)
80·80·21

ARTICLE NUMBER(S)
048-2697318



L·W·H (MM)
85·40·22

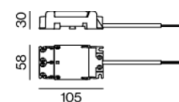
ARTICLE NUMBER(S)
002-90771

TYPE
non DIM cable ø 4 – 12 mm
DALI cable ø 4 – 12 mm

L·W·H (MM)
105·58·30

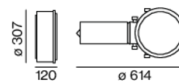
105·58·30

ARTICLE NUMBER(S)	005-253110
	005-255110



L·W·H (MM)
614·307·120

ARTICLE NUMBER(S)
048-2695110



[048-2612011S 048-2697318 002-90771"] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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08.08.2025

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Optional electrical accessories

DIN RAIL LED DRIVER

L-W-H (MM)
36-88-59

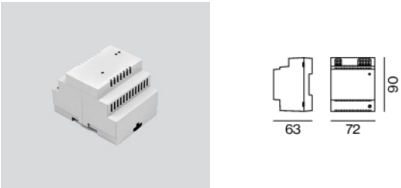
ARTICLE NUMBER(S)
005-6121030



DIN RAIL POWER SUPPLY

L-W-H (MM)
72-90-63

ARTICLE NUMBER(S)
005-6520210



Optional electrical accessories

POWER SUPPLY PRE-WIRED with junction box

ARTICLE NUMBER(S)
002-90790A
002-90748A
002-90771A
002-90742A



Optional electrical accessories

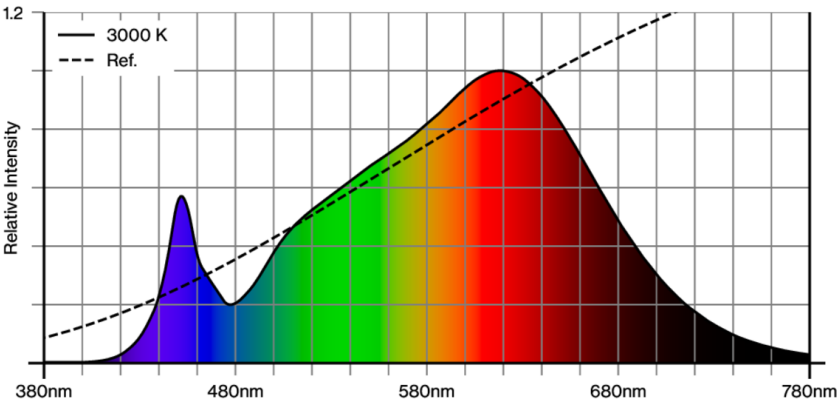
POWER SUPPLY PRE-WIRED with loop through function

L-W-H (MM)
185-30-21
185-30-21

ARTICLE NUMBER(S)
002-90770
002-90747



Colour rendering



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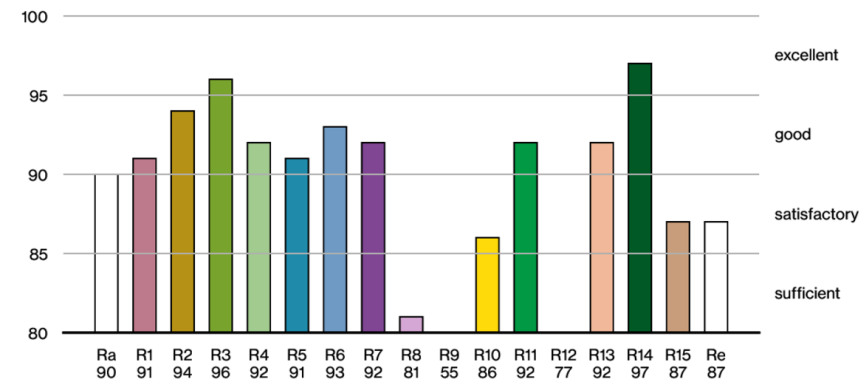


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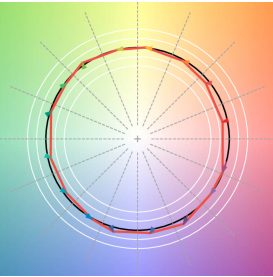
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CRI/R_a ≥ 91 R_e ≥ 87 (3000 K)



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.

